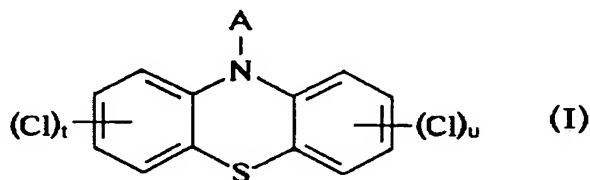
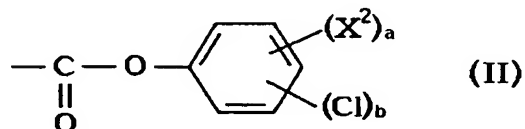


[CLAIMS FOR PATENT]

1. A process for preparing p-dichlorobenzene by nuclear chlorination of benzene and/or chlorobenzene as starting material with chlorine molecules, which
 5 comprises chlorinating the starting material using aluminum chloride in an amount of 0.1 - 3 millimols per mol of said starting material and phenothiazine represented by the formula(I) in an amount of 0.1 - 0.9 mols per mol of aluminum chloride so that a
 10 chlorination degree is in a range of 1.2 - 2.5.



- wherein t is an integer of 0-4; u is an integer of 0-4; A is a halocarbonyl group; a group represented by $\text{CH}_x\text{X}^1\text{CO}-$, wherein X^1 is a chlorine atom or a bromine
 15 atom, x is an integer of 0-2, and y is an integer of 1-3; a group represented by $\text{CF}_3(\text{CF}_2)_n\text{CO}-$, wherein n is an integer of 0-2; or a group represented by the following formula(II).



- 20 wherein X^2 is a halogen atom, an alkyl group having 1-4 carbon atoms, an alkoxy group having 1-4 carbon atoms, a nitro group or a cyano group; a is an integer of 0-5; a plurality of X^2 is identical or different respectively when a is 2 or more; and b is an integer

of 0-5, but $(a + b)$ is an integer of 5 or less.